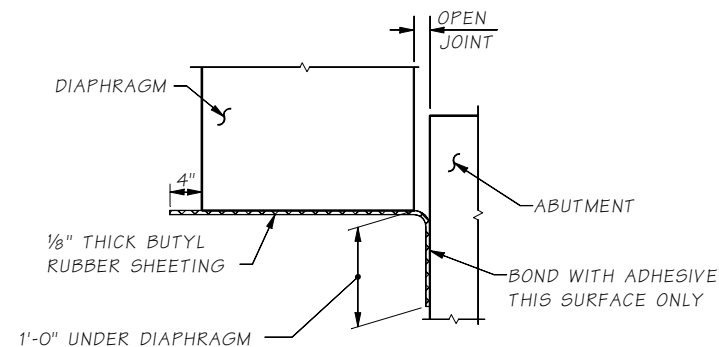


NOTE TO DESIGNER

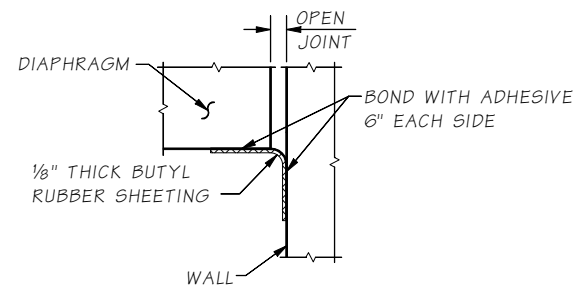
If ground line is less than 2'-0" minimum below the bottom of girder at front face of abutment a curtain wall shall be provided.

TYPICAL END TYPE "A" DIAPHRAGM AT END PIERS



ELEVATION

BUTYL RUBBER @ DIAPHRAGM

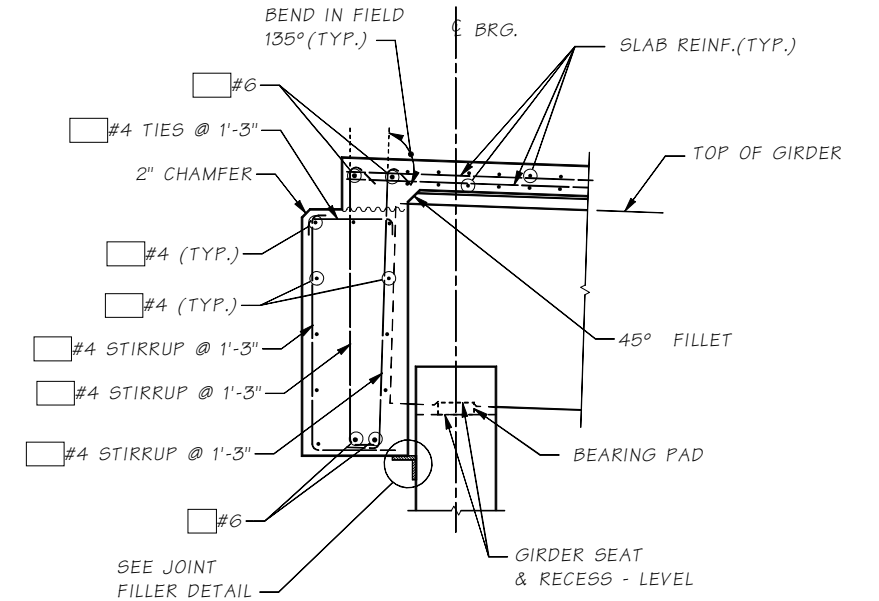


PLAN VIEW

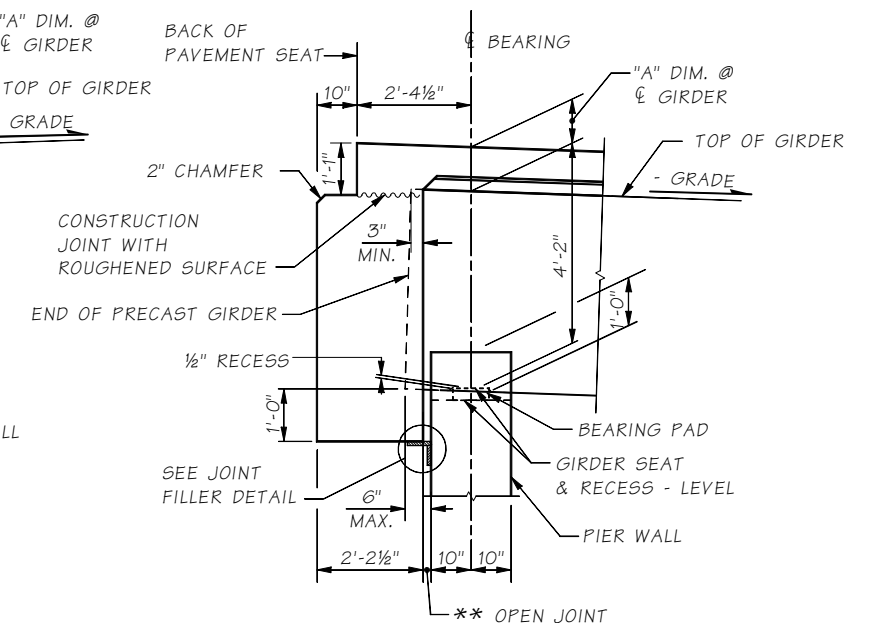
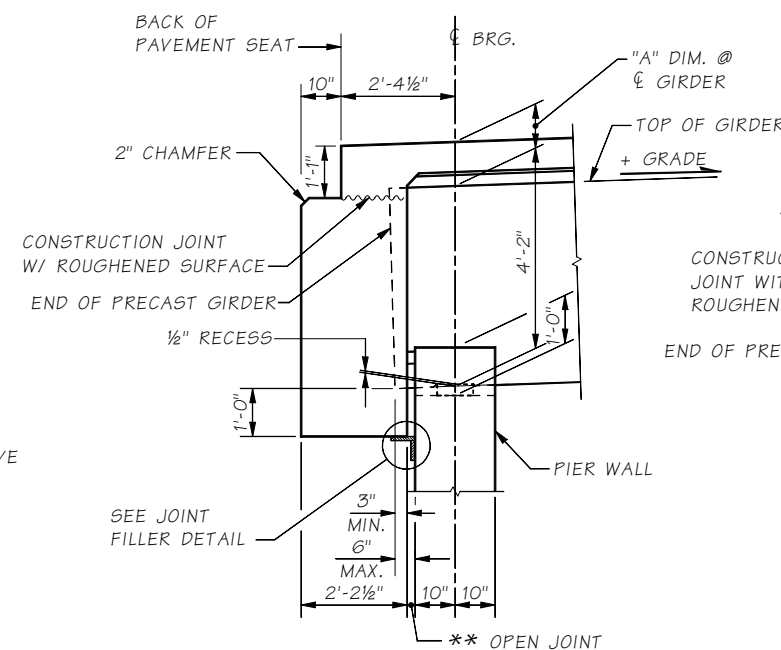
BUTYL RUBBER @ VERTICAL JOINTS

NOTE:

- GIRDERS SHALL BE HELD RIGIDLY IN PLACE WHEN DIAPHRAGMS ARE PLACED.
- REINFORCING BAR SHALL BE THREADED THROUGH HOLES IN GIRDERS PRIOR TO PLACING OF EXTERIOR GIRDERS. SEE PLANS FOR "TRAFFIC BARRIER" DIMENSIONS AND LOCATION. SEE "GIRDER DETAILS" SHEET FOR DIMENSION "A".
- END DIAPHRAGM MAY BE CAST ON GRADE. IF SO, THE UPPER LEG OF THE JOINT FILLER SHALL FORM THE BOTTOM FACE FULL WIDTH.
- JOINT FILLER TYPE 1 SHALL BE USED TO COVER ALL VERTICAL END DIAPHRAGM JOINTS. EITHER JOINT FILLER TYPE 1 OR JOINT FILLER TYPE 2 SHALL BE USED TO COVER ALL HORIZONTAL END DIAPHRAGM JOINTS.



SECTION F



END DIAPHRAGM GEOMETRY

SECTIONS THROUGH END DIAPHRAGMS AT END PIERS
SEE "GIRDER DETAILS" SHEET FOR DIMENSION "A".
ALL LONGITUDINAL DIMENSIONS ARE NORMAL TO SKEW.

BRIDGE LENGTH
L ≤ 200
200 < L ≤ 300
300 < L ≤ 400
L > 400

JOINT
** = 1.5 IN.
** = 2.0 IN.
** = 2.5 IN.
SPECIAL DESIGN

SR JOB NO. SHEET

5.6-A16-5

Tue Apr 29 13:45:57 2008

BRIDGE DESIGN ENGR.

SUPERVISOR

DESIGNED BY

CHECKED BY

DETAILED BY

BRIDGE PROJECTS ENGR.

PRELIM. PLAN BY

ARCHITECT/SPECIALIST

DATE

REVISION

BY

APPD

REGION NO.

STATE

FED. AID PROJ. NO.

SHEET NO.

TOTAL SHEETS

10

WASH.

JOB NUMBER

BRIDGE AND STRUCTURES OFFICE

Washington State Department of Transportation

STANDARD PRESTRESSED CONCRETE GIRDERS

PRESTRESSED TRAPEZOIDAL TUB GIRDER END DIAPHRAGM ON GIRDER DETAILS

BRIDGE SHEET NO.

SHEET

OF

SHEETS